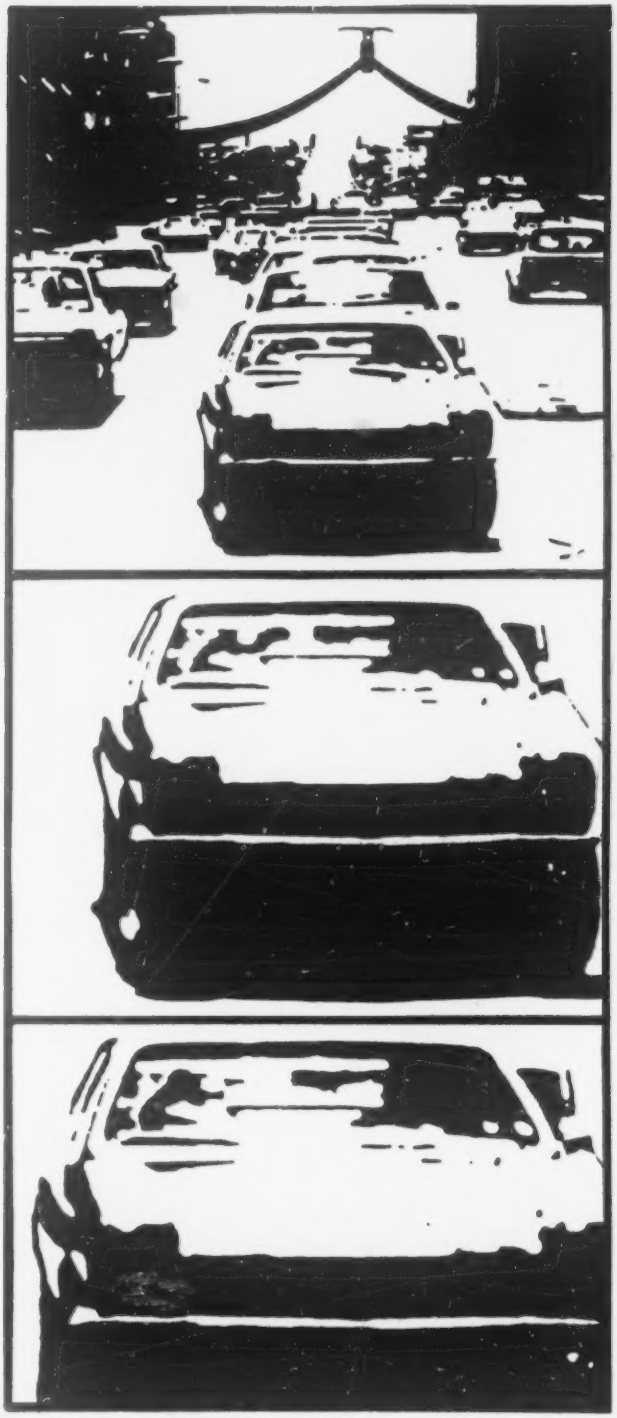
57890-2-U

UTAH TRAFFIC ACCIDENT SUMMARY



1990

May 1991

UTAH DEPARTMENT OF PUBLIC SAFETY

D. Douglas Bodrero
Commissioner

HIGHWAY SAFETY OFFICE

4501 South 2700 West
Salt Lake City, Utah 84119

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INTRODUCTION

During 1990 there were 236 fatal crashes where 272 people lost their lives on Utah roads. This is lower than the five-year average of 304.

Alcohol-related traffic deaths decreased with 60 fatalities compared to 82 in 1989, 105 in 1988, and 82 in 1986. Only 22 percent of Utah's highway deaths were identified with alcohol involvement, which compares to the national average of 45 to 50 percent. Special incentive funds under U.S. Code Section 408 for curbing drinking and driving have been used for the last five years.

In 1990 there were 34 pedestrians killed. Those killed between the ages of 0 and 13 accounted for 8 deaths or 24 percent of the total. There were 6 over age 60 who lost their lives as pedestrians or 18 percent. Additional efforts will be made in the future to promote safe walking.

DATA SOURCE

The data used in this analysis was taken from accident reports collected by the Utah Highway Safety Office and the Department of Transportation. These records include the State Accident Report and a Supplemental Fatal Accident Report. Information is also collected from newspapers, death certificates and obituaries. Data from Utah fatal accidents are entered on the National Fatal Accident Reporting System maintained in Washington, D.C., through an IBM on-line terminal.

UTAH ACCIDENTS

1948 - 1989

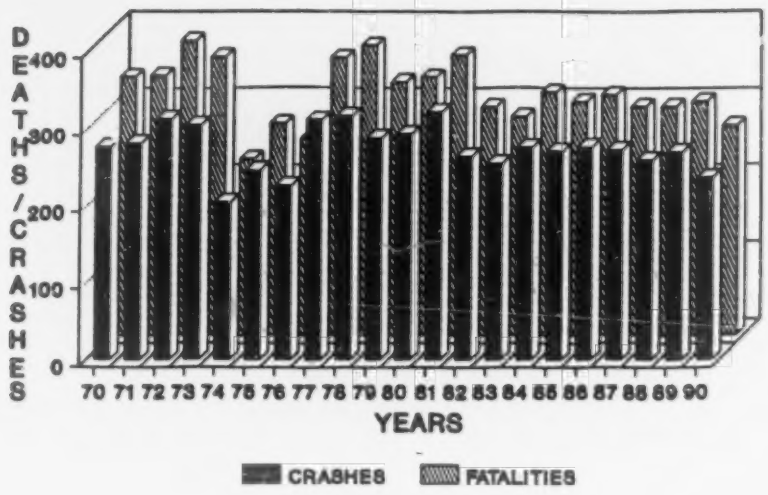
Year	Total Accidents	Fatal-ities	Injur-ies	Number of Accidents Fatal	Number of Accidents Injury	Mil. Veh. Miles	Death Rate Per 100 Mil. Veh. Miles	Fatal Acc. Rate Per 100 Mil. Veh. Miles	Injury Rate Per 100 Mil. Veh. Miles
1949	11,092	174	3,808	151	2,614	2,475	7.03	6.10	154
1950	12,705	188	4,459	169	3,004	2,839	6.62	5.95	157
1951	16,475	207	5,132	174	3,495	3,015	6.87	5.77	170
1952	17,710	246	5,140	184	3,474	3,050	8.07	6.03	169
1953	16,373	209	4,945	185	3,305	3,232	6.47	5.72	153
1954	15,103	209	4,495	176	3,016	3,336	6.27	5.28	135
1955	18,060	203	5,036	166	3,390	3,075	6.60	5.40	164
1956	17,531	215	4,812	176	3,310	3,310	6.50	5.32	145
1957	19,054	222	5,022	181	3,397	3,366	6.60	5.38	149
1958	22,220	193	5,658	171	3,762	3,531	5.47	4.84	160
1959	23,506	205	5,992	171	3,946	3,784	5.42	4.52	158
1960	26,478	256	9,128	200	5,576	3,852	6.65	5.20	237
1961	25,732	236	10,412	197	6,257	3,997	5.90	4.93	261
1962	26,613	233	11,133	186	6,968	4,240	5.50	4.34	263
1963	27,340	263	12,603	198	7,798	4,549	5.78	4.35	277
1964	29,452	295	14,096	246	8,636	4,790	6.17	5.14	294
1965	29,525	281	14,361	242	8,856	4,997	5.62	4.84	287
1966	29,957	331	14,994	265	9,076	5,079	6.52	5.22	295
1967	30,992	275	14,401	231	8,888	5,257	5.24	4.39	274
1968	34,532	289	15,539	258	9,550	5,539	5.22	4.66	281
1969	34,766	308	15,977	251	9,850	5,802	5.31	4.33	275
1970	35,166	335	17,076	276	10,722	6,108	5.49	4.52	280
1971	39,108	337	18,073	280	11,399	6,544	5.15	4.28	276
1972	39,856	382	18,261	312	11,630	6,969	5.48	4.48	262
1973	38,234	361	18,415	304	11,710	7,274	4.96	4.18	253
1974	31,401	228	16,268	204	10,560	7,457	3.06	2.74	218
1975	36,426	274	17,762	245	11,441	7,942	3.45	3.09	224
1976	34,345	254	18,315	225	11,685	8,420	3.02	2.67	218
1977	38,524	360	19,728	310	12,652	9,054	3.98	3.42	218
1978	42,684	376	21,029	315	13,423	9,826	3.83	3.21	214
1979	40,468	328	20,798	287	13,449	9,811	3.34	2.93	212
1980	33,582	335	17,828	292	11,701	10,645	3.15	2.74	167
1981	35,989	364	18,090	321	11,824	10,733	3.39	2.99	169
1982	38,192	296	17,538	263	11,504	10,947	2.70	2.40	160
1983	40,989	283	18,910	253	12,317	11,228	2.52	2.25	168
1984	47,489	315	20,487	274	13,477	11,642	2.71	2.35	176
1985	47,871	303	21,346	270	13,917	12,035	2.52	2.24	177
1986	46,690	312	21,350	276	13,988	12,253	2.55	2.25	174
1987	47,256	297	19,237	271	13,599	12,679	2.34	2.14	152
1988	49,249	297	19,066	258	13,377	13,263	2.20	1.94	143
1989	51,320	303	19,843	269	13,941	13,915	2.17	1.93	142
1990	52,691	272	20,608	236	14,632	14,567*	1.87*	1.62*	141*

*Estimated

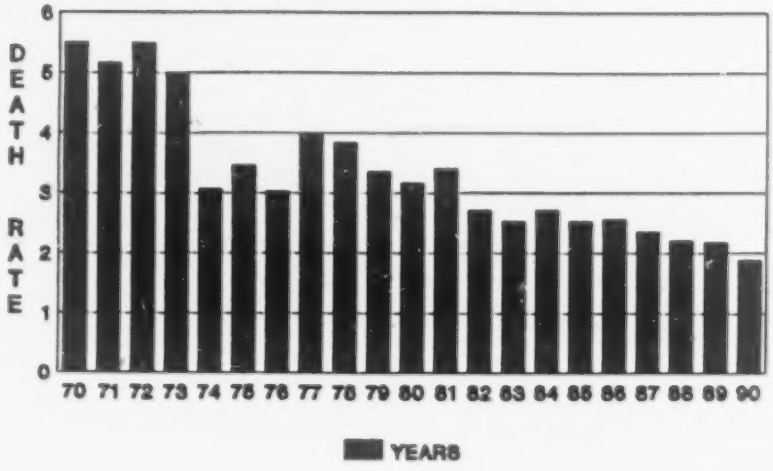
CUMULATIVE NUMBER OF FATAL ACCIDENTS
Number Killed

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	DEATHS PER 100 MILLION VEHICLE MILES TRAVELED
1981	23/25	42/46	64/69	88/99	109/125	140/161	182/206	218/245	241/269	269/303	295/331	321/364	3.39
1982	13/15	29/33	55/61	72/80	96/108	119/134	152/173	186/211	216/246	231/261	248/278	263/296	2.70
1983	22/23	38/39	58/63	73/82	91/101	118/131	146/161	174/193	200/220	221/243	242/267	253/283	2.52
1984	11/11	21/22	36/39	63/69	89/100	119/134	145/167	183/209	215/244	237/269	255/292	274/315	2.71
1985	19/19	36/39	52/57	78/88	114/125	136/150	155/170	186/209	204/228	219/245	251/280	270/303	2.52
1986	11/11	22/22	39/44	56/64	81/97	114/136	142/166	172/200	200/232	229/261	255/289	277/313	2.55
1987	11/13	32/35	55/60	73/80	95/106	117/128	150/163	168/183	201/221	236/261	254/279	271/297	2.34
1988	11/12	19/20	35/37	60/64	87/99	115/136	155/185	184/215	207/241	230/263	246/281	258/297	2.20
1989	13/15	22/24	35/39	53/60	73/83	104/121	135/154	174/200	207/237	230/261	248/279	269/303	2.17
1990	22/26	35/43	45/55	67/80	86/101	108/126	126/145	149/171	174/200	197/223	223/251	236/272	1.87*
Cumulative difference in deaths between current year and previous year:	+11	+19	+16	+20	+18	+ 5	- 9	-29	-37	-28	-28	-31	

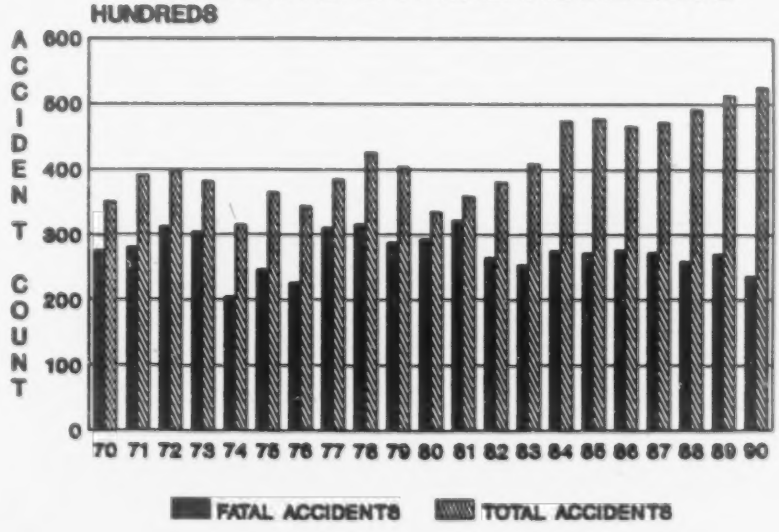
UTAH FATALITIES/FATAL CRASHES



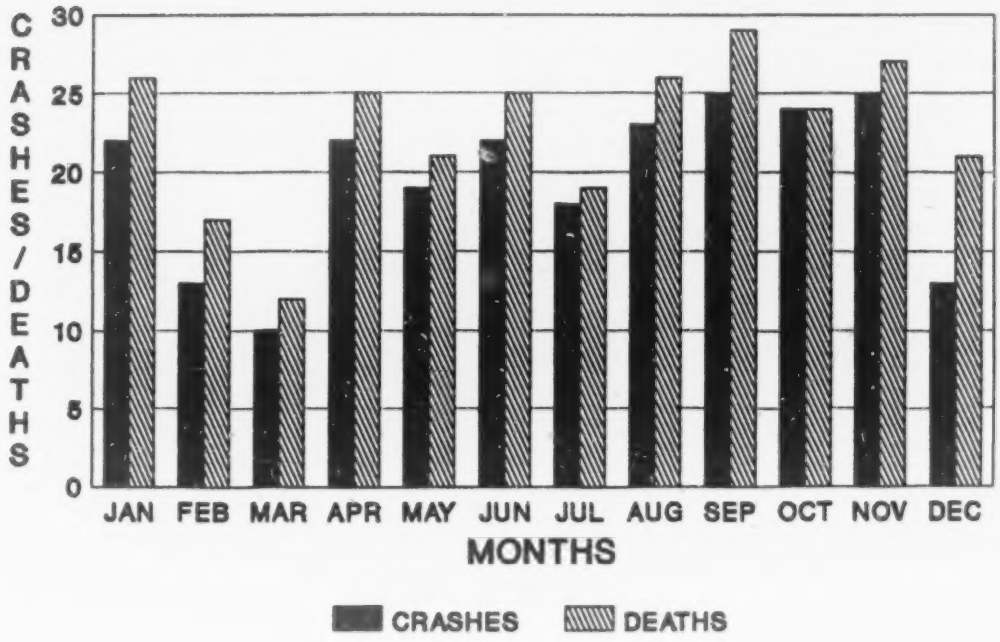
UTAH FATALITY RATE
DEATHS PER 100 MILLION MILES TRAVELED



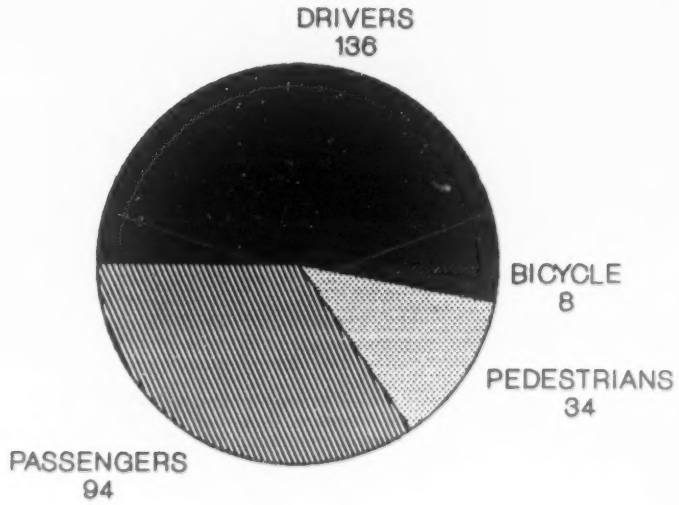
ACCIDENTS & FATAL ACCIDENTS



1990 FATAL CRASHES BY MONTH



PERSON TYPES KILLED



FATAL CRASHES BY COUNTY

	1989				1990			
	ACC	%	FATALS	%	ACC	%	FATALS	%
BEAVER	2	0.7	2	0.7	2	0.8	2	0.7
BOX ELDER	15	5.6	16	5.3	10	4.2	13	4.8
CACHE	7	2.6	7	2.3	9	3.8	13	4.8
CARBON	5	1.9	10	3.3	8	3.4	12	4.4
DAGGETT	1	0.4	1	0.3	0	0.0	0	0.0
DAVIS	10	3.7	11	3.6	15	6.5	17	6.2
DUCHESNE	2	0.7	2	0.7	5	2.2	7	2.6
EMERY	8	3.0	10	3.3	7	3.0	7	2.6
GARFIELD	4	1.5	4	1.3	5	2.2	5	1.8
GRAND	5	1.9	5	1.6	3	1.3	3	1.1
IRON	8	3.0	11	3.6	14	5.9	16	5.9
JUAB	8	3.0	9	3.0	5	2.2	6	2.2
KANE	3	1.1	3	0.9	1	0.4	1	0.4
MILLARD	2	0.7	2	0.7	12	5.1	14	5.1
MORGAN	0	0.0	0	0.0	1	0.4	1	0.4
PIUTE	1	0.4	1	0.3	0	0.0	0	0.0
RICH	0	0.0	0	0.0	1	0.4	1	0.4
SALT LAKE	80	29.7	87	28.9	55	23.3	59	21.7
SAN JUAN	4	1.5	4	1.3	3	1.3	4	1.5
SANPETE	2	0.7	4	1.3	2	0.8	3	1.1
SEVIER	3	1.1	3	0.9	7	3.0	8	2.9
SUMMIT	8	3.0	9	3.0	4	1.7	10	3.7
TOOELE	17	6.3	17	5.6	5	2.2	5	1.8
UINTAH	6	2.2	6	2.2	4	1.7	4	1.5
UTAH	29	10.8	37	12.2	22	9.3	24	8.8
WASATCH	4	1.5	4	1.3	6	2.5	6	2.2
WASHINGTON	16	6.0	17	5.6	9	3.8	9	3.3
WAYNE	2	0.7	2	0.7	1	0.4	1	0.4
WEBER	17	6.3	19	6.3	20	8.4	21	7.7
TOTAL	269		303		236		272	

IN 1990 41% OF ALL FATAL CRASHES OCCURRED IN SALT LAKE, UTAH AND WEBER COUNTIES.

1990 TOTAL ACCIDENTS
BY COUNTY

COUNTY	1990 EST. POPULATION	TOTAL ACCIDENTS	TOTAL ACC. RATE PER 1000 POP.	INJURY & FATAL ACC. TOTAL	INJURY & FATAL RATE PER. 1000 POP.	SEVERITY RATIO OF INJURY & FATAL ACC TO TOTAL
1.SALT LAKE	725,956	25,563 (1)	35 (9)	7,422 (1)	10 (6)	.29 (7)
2.UTAH	263,590	7,134 (2)	27(20)	2,072 (2)	8(15)	.29 (8)
3.DAVIS	187,941	3,851 (4)	20(29)	985 (4)	5(25)	.26(16)
4.WEBER	158,330	4,399 (3)	28(18)	1,299 (3)	8(16)	.30 (5)
5.CACHE	70,183	2,019 (5)	29(15)	483 (5)	7(20)	.24(20)
6.WASHINGTON	48,560	1,276 (6)	26(23)	365 (6)	7(21)	.29 (9)
7.BOX ELDER	36,485	998 (7)	27(21)	279 (7)	8(17)	.28(12)
8.TOOELE	26,601	721 (9)	27(22)	229 (8)	9(13)	.32 (3)
9.UINTAH	22,211	566(11)	25(24)	164(10)	7(22)	.29(10)
10.IRON	20,789	694(10)	33(13)	220 (9)	11 (5)	.32 (4)
11.CARBON	20,228	472(13)	23(26)	110(14)	5(26)	.23(21)
12.SANPETE	16,259	350(17)	22(28)	72(20)	4(28)	.21(24)
13.SUMMIT	15,518	776 (8)	50 (2)	154(11)	10 (7)	.20(28)
14.SEVIER	15,431	544(12)	35(10)	127(13)	8(18)	.23(22)
15.DUCHESNE	12,645	371(16)	29(16)	86(18)	7(23)	.23(23)
16.SAN JUAN	12,621	293(19)	23(27)	88(17)	7(24)	.30 (6)
17.MILLARD	11,333	472(14)	42 (6)	136(12)	12 (4)	.29(11)
18.EMERY	10,332	301(18)	29(17)	82(19)	8(19)	.27(15)
19.WASATCH	10,089	462(15)	46 (4)	99(16)	10 (8)	.21(25)
20.GRAND	6,620	235(21)	35(11)	65(21)	10 (9)	.28(13)
21.JUAB	5,817	268(20)	46 (5)	102(15)	18 (2)	.38 (1)
22.MORGAN	5,528	135(25)	24(25)	29(25)	5(27)	.21(26)
23.KANE	5,169	203(22)	39 (8)	52(22)	10(10)	.26(17)
24.BEAVER	4,765	197(23)	41 (7)	49(23)	10(11)	.25(18)
25.GARFIELD	3,980	138(24)	35(12)	35(24)	9(14)	.25(19)
26.WAYNE	2,177	60(28)	28(19)	21(27)	10(12)	.35 (2)
27.RICH	1,725	87(26)	50 (3)	24(26)	14 (3)	.28(14)
28.PIUTE	1,277	39(29)	31(14)	5(29)	4(29)	.13(29)
29.DAGGETT	690	67(27)	97 (1)	14(28)	20 (1)	.21(27)
TOTAL	1722850	52691	35 AVG	14868	9 AVG.	.26 AVG.
HIGHEST COUNTIES			DAGGETT SUMMIT RICH WASATCH JUAB		DAGGETT JUAB RICH MILLARD IRON	JUAB WAYNE TOOELE IRON WEBER

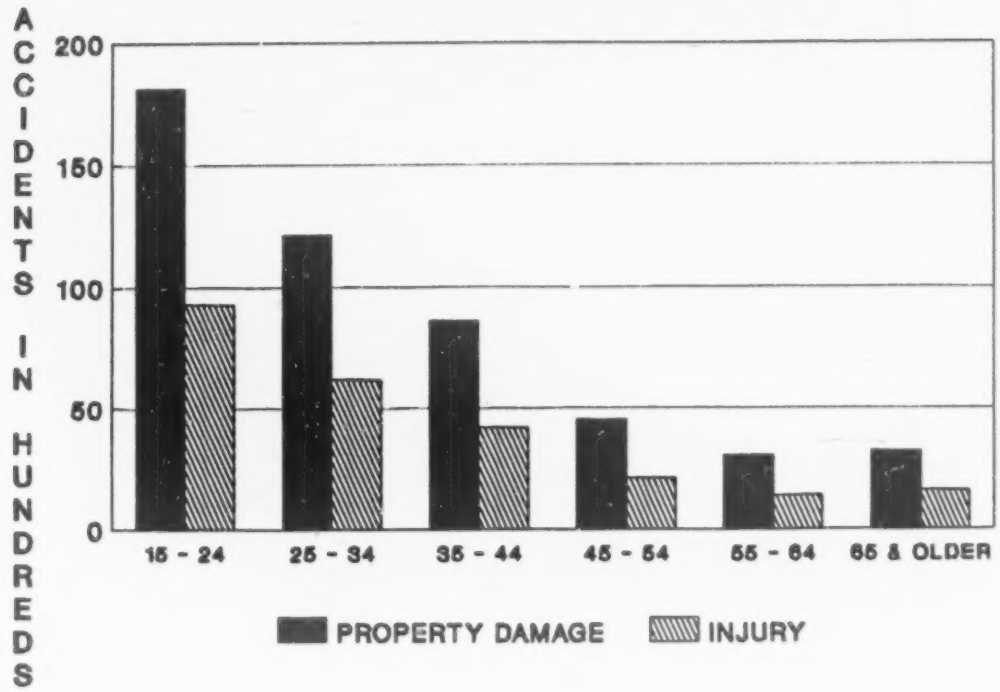
1990 FATAL CRASHES BY CITY

CITY	TOTAL	%	CITY	TOTAL	%
AXTELL	1	0.4	LOGAN	1	0.4
BLUFF	1	0.4	MURRAY	4	1.7
BLUFFDALE	1	0.4	NO. LOGAN	2	0.8
CEDAR CITY	1	0.4	NO. SALT LAKE	2	0.8
CENTERVILLE	3	1.2	OGDEN	3	1.2
DELTA	1	0.4	OREM	2	0.8
DRAPER	1	0.4	PARK CITY	1	0.4
ENTERPRISE	1	0.4	PAROWAN	1	0.4
FARMINGTON	1	0.4	PAYSON	1	0.4
FIELDING	1	0.4	PLEASANT VIEW	1	0.4
FILLMORE	3	1.2	PROVO	5	2.1
FT DUCHESNE	2	0.8	RANDLETT	1	0.4
FRUIT HEIGHTS	1	0.4	RIVERDALE	1	0.4
GRANTSVILLE	1	0.4	SALT LAKE CITY	18	7.6
HARRISVILLE	1	0.4	SANDY	3	1.2
HELPER	2	0.8	SO. OGDEN	1	0.4
HINCKLEY	1	0.4	SO. WEBER	1	0.4
HOOPER	3	1.2	SPRINGLAKE	1	0.4
HYDE PARK	1	0.4	SUNSET	1	0.4
HYRUM	1	0.4	TOOELE	1	0.4
LAYTON	3	1.2	UINTAH	1	0.4
LEEDS	1	0.4	WASHINGTON	2	0.8
LEHI	3	1.2	WELLSVILLE	1	0.4
LEWISTON	1	0.4	WEST JORDAN	2	0.8
LINDON	1	0.4	WEST VALLEY	9	3.8
			WOODS CROSS	2	0.8

CITY TOTAL	108
TOTAL UTAH CRASHES	236

1990 TOTAL ACCIDENTS BY CITY

CITY	1990 EST. POPULATION	TOTAL ACCIDENTS	TOTAL ACC. RATE PER 1000 POP.	INJURY & FATAL ACC. TOTAL	INJURY & FATAL RATE PER 1000 POP.	SEVERITY RATIO OF INJURY & FATAL ACC TO TOTAL
1.SALT LAKE	159,936	6,025 (1)	38 (3)	2,085 (1)	13 (2)	.35 (8)
2.W VALLEY	86,974	2,255 (2)	26 (6)	894 (2)	10 (5)	.40 (1)
3.PROVO	86,835	2,117 (3)	24 (8)	686 (3)	8 (7)	.32(10)
4.SANDY	75,058	1,371 (6)	18(13)	429 (6)	6(15)	.31(15)
5.OREM	67,561	1,551 (5)	23(10)	491 (5)	7 (8)	.32(11)
6.OGDEN	63,909	2,089 (4)	33 (5)	636 (4)	10 (6)	.30(17)
7.W JORDAN	42,892	704(11)	16(20)	260(10)	6(16)	.37 (5)
8.LAYTON	41,784	763(10)	18(14)	273 (9)	7 (9)	.36 (6)
9.BOUNTFUL	36,659	625(12)	17(16)	157(13)	4(22)	.25(27)
10.LOGAN	32,762	865 (9)	26 (7)	234(11)	7(10)	.27(25)
11.MURRAY	31,282	1,367 (7)	44 (2)	406 (7)	13 (3)	.30(18)
12.ST. GEORGE	28,502	613(13)	22(11)	193(12)	7(11)	.31(16)
13.ROY	24,603	401(15)	16(21)	129(14)	5(19)	.32(12)
14.CLEARFIELD	21,435	370(16)	17(17)	111(16)	5(20)	.30(19)
15.AMER FORK	15,696	266(19)	17(18)	105(17)	7(12)	.39 (3)
16.BRIGHAM C	15,644	187(24)	12(24)	60(22)	4(23)	.32(13)
17.KAYSVILLE	13,961	157(26)	11(27)	46(125	3(25)	.29(21)
18.SPRINGVILLE	13,950	239(20)	17(19)	84(18)	6(17)	.35(19)
19.TOOELE	13,887	190(22)	14(23)	45(26)	3(26)	.24(29)
20.PL GROVE	13,476	159(25)	12(25)	45(27)	3(27)	.28(23)
21.CEDAR CITY	13.443	277(18)	21(12)	79(19)	6(18)	.29(22)
22.SO.JORDAN	12,220	143(27)	12(26)	51(24)	4(24)	.36 (7)
23.SO. OGDEN	12,105	288(17)	24 (9)	79(20)	7(13)	.27(26)
24.MIDVALE	11,886	430(14)	36 (4)	129(15)	11 (4)	.30(20)
25.NO. OGDEN	11,668	53(29)	5(29)	13(29)	1(29)	.25(28)
26.CENTERVILLE	11,500	188(23)	16(22)	52(23)	5(21)	.28(24)
27.SP FORK	11,272	204(21)	18(15)	78(21)	7(14)	.38 (4)
28.RIVERTON	11,261	90(28)	8(28)	36(28)	3(28)	.40 (2)
29.SO. SLC	10,129	875 (8)	86 (1)	277 (8)	27 (1)	.32(14)
HIGHEST CITIES			SO SLC MURRAY SALT LAKE MIDVALE OGDEN		SO SLC SALT LAKE MURRAY MIDVALE W VALLEY	W VALLEY RIVERTON AMER FORK SP FORK W JORDAN

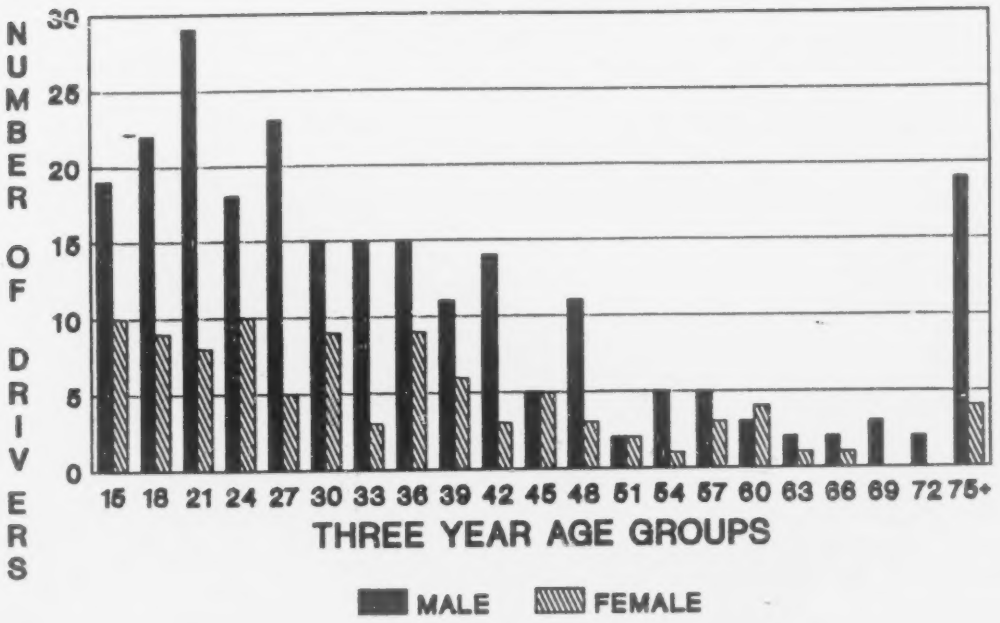


AGE OF DRIVERS

AGE GROUP	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
UNKNOWN	253	0	52	201
15 & YOUNGER	302	4	136	162
16	3772	10	1198	2564
17	3742	15	1236	2491
18	3888	9	1325	2554
19	3406	13	1143	2250
20 - 24	12561	46	4352	8163
25 - 34	18408	81	6203	12124
35 - 44	12982	65	4296	8621
45 - 54	6746	28	2197	4521
55 - 64	4451	22	1422	3007
65 - 74	3179	10	1086	2083
75 & OLDER	1751	23	569	1159
NOT STATED	5475	0	940	4535
TOTAL	80916	336	26155	54435

THE 15 - 24 YEAR OLD AGE GROUP REPRESENTS 35% OF THE TOTAL DRIVERS INVOLVED IN 1990 FATAL CRASHES

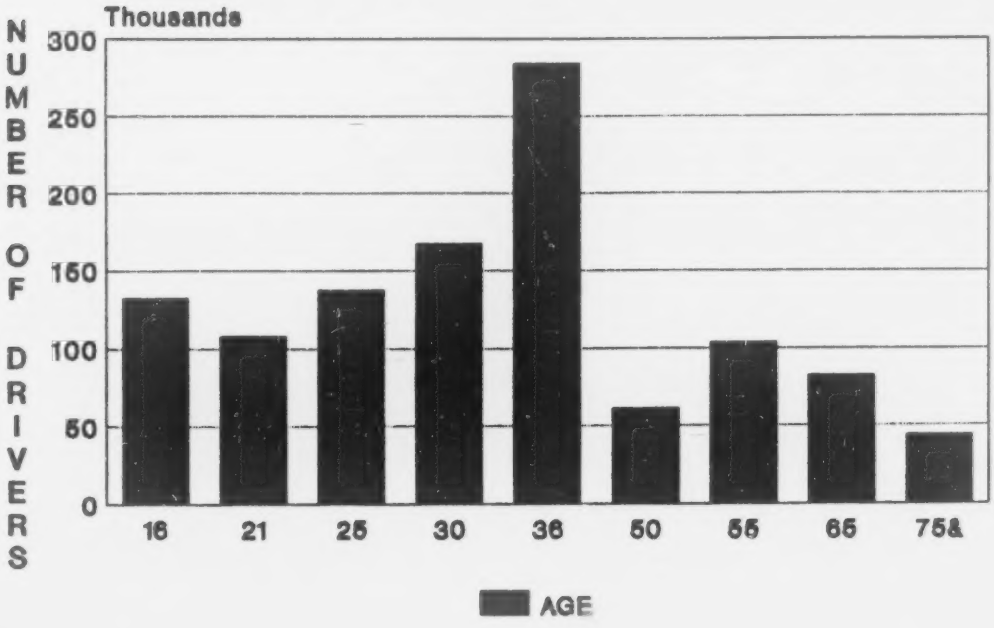
DRIVER AGE AND SEX IN FATAL CRASHES



	MALE		FEMALE	
15 - 17	19	5.7%	10	2.9%
18 - 20	22	6.5%	9	2.7%
21 - 23	29	8.6%	8	2.4%
24 - 26	18	5.4%	10	3.0%
27 - 29	23	6.8%	5	1.4%
30 - 32	15	4.5%	9	2.7%
33 - 35	15	4.5%	3	0.9%
36 - 38	15	4.5%	9	2.7%
39 - 41	11	3.3%	6	1.7%
42 - 44	14	4.2%	3	0.9%
45 - 47	5	1.5%	5	1.4%
48 - 65	28	8.3%	14	4.2%
OVER 65	26	7.9%	5	1.4%
TOTAL	240	71.7%	96	28.3%

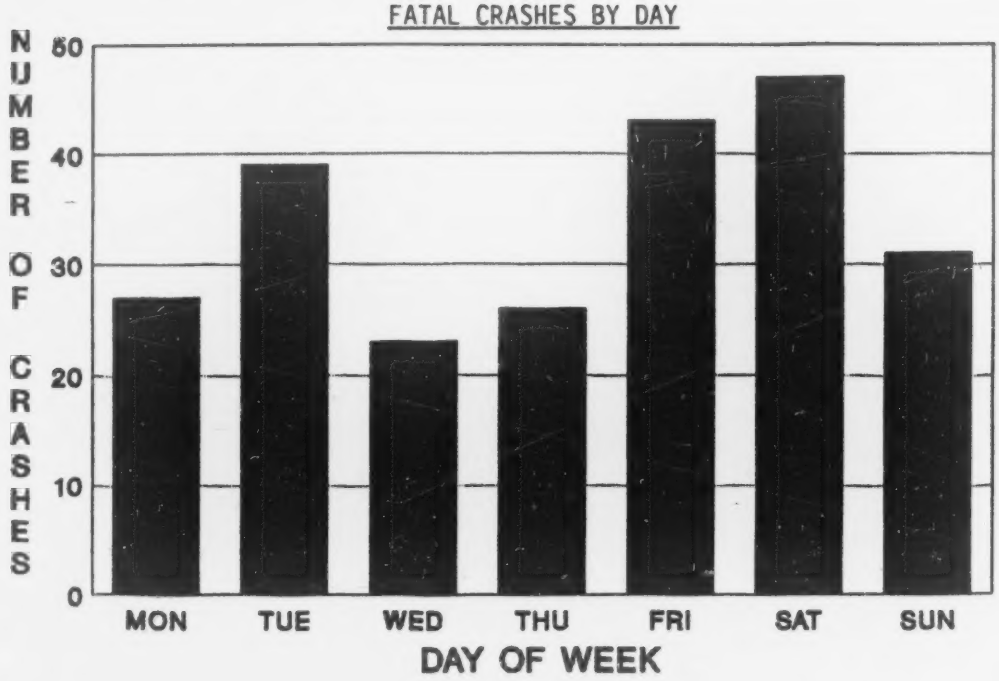
IN 1990 FATAL CRASHES, 29% OF THE DRIVERS WERE UNDER 24 YEARS OF AGE. 21% OF THE DRIVERS INVOLVED IN 1990 FATAL CRASHES WERE UNDER AGE 24 AND MALE.

LICENSED DRIVERS BY AGE



AGE	TOTAL	PERCENT
16 - 20	131990	11.8%
21 - 24	107597	9.6%
25 - 29	137107	12.3%
30 - 35	167039	14.9%
36 - 49	284023	25.4%
50 - 54	61096	5.5%
55 - 64	103587	9.3%
65 - 74	81930	7.3%
75 & OVER	44092	3.9%
TOTAL	1118461	100.0%

FATAL CRASHES BY DAY



FATAL CRASHES BY DAY

	1987 TOTAL	%	1988 TOTAL	%	1989 TOTAL	%	1990 TOTAL	%
MONDAY	36	13.4	38	14.7	29	10.7	27	11.4%
TUESDAY	23	8.4	34	13.2	30	11.2	39	16.5%
WEDNESDAY	44	16.2	25	9.7	34	12.7	23	9.7%
THURSDAY	29	10.7	40	15.5	35	13.0	26	11.0%
FRIDAY	48	17.7	37	14.4	35	13.0	43	18.3%
SATURDAY	54	19.9	53	20.5	55	20.4	47	20.0%
SUNDAY	37	13.7	31	12.0	51	19.0	31	13.1%

FATAL CRASHES BY TIME OF DAY

	1987 TOTAL	%	1988 TOTAL	%	1989 TOTAL	%	1990 TOTAL	%
MIDNIGHT-3:59AM	42	15.5	29	11.3	34	12.6	31	13.1%
4:00AM - 7:59AM	31	11.5	30	11.6	30	11.1	37	15.7%
8:00AM - 11:59AM	23	8.5	31	12.0	37	13.8	33	14.0%
NOON - 3:59PM	56	20.6	48	18.6	56	20.8	39	16.5%
4:00PM - 7:59PM	75	27.7	58	22.5	60	22.3	61	25.9%
8:00PM-MIDNIGHT	44	16.2	62	24.0	51	19.0	35	14.8%

DURING 1990, SATURDAY WAS THE MOST HEAVILY REPRESENTED DAY OF THE WEEK WITH 20% OF ALL FATAL CRASHES. THE HIGHEST TIME PERIOD FOR FATAL CRASHES IN 1990, WAS 4:00 PM TO 8.00 PM WITH 25% OF ALL FATAL CRASHES OCCURRING DURING THAT TIME PERIOD.

FATAL ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	0	0	1	0	2	2	2
1AM	4	1	1	0	1	1	6
2AM	0	0	1	0	1	0	0
3AM	1	0	0	1	0	2	2
4AM	2	0	1	0	1	1	0
5AM	3	0	1	0	0	1	2
6AM	0	0	2	2	1	2	3
7AM	1	2	4	1	3	2	2
8AM	1	2	0	1	1	1	0
9AM	1	1	3	0	2	1	5
10AM	1	0	0	0	1	0	1
11AM	1	2	2	1	3	2	1
NOON	1	1	2	1	1	1	1
1PM	0	1	1	1	0	3	2
2PM	3	3	3	2	1	1	1
3PM	1	0	3	1	0	2	3
4PM	4	5	1	0	2	1	0
5PM	2	0	2	2	1	6	4
6PM	2	0	2	2	2	4	4
7PM	2	1	1	2	3	2	2
8PM	1	2	3	3	0	2	0
9PM	0	3	1	2	0	3	2
10PM	1	2	4	1	0	2	3
11PM	0	0	0	0	0	1	1
TOTAL	31	27	39	23	26	43	47

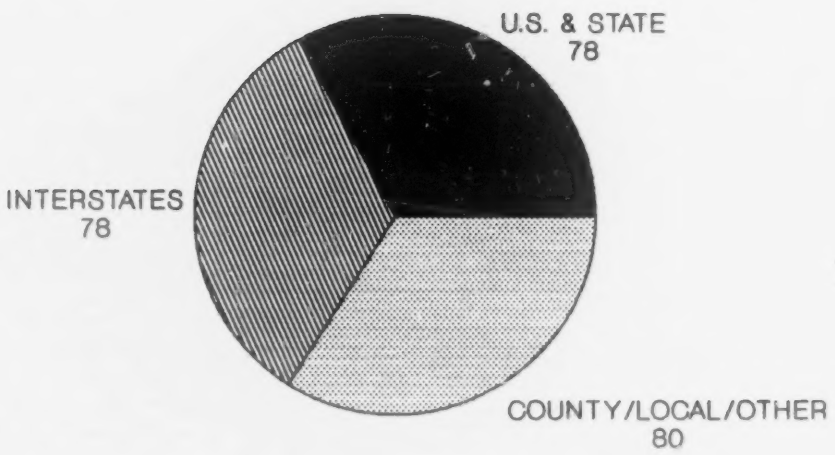
INJURY ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	81	32	21	41	44	39	108
1AM	58	22	22	22	24	28	61
2AM	41	17	11	12	15	15	40
3AM	25	12	8	7	12	11	34
4AM	26	7	9	6	5	10	35
5AM	25	17	21	12	17	9	26
6AM	24	42	51	51	49	41	36
7AM	20	117	120	128	91	101	20
8AM	32	105	106	110	95	108	61
9AM	34	85	69	82	60	76	72
10AM	43	84	93	68	78	77	99
11AM	43	108	119	105	87	94	115
NOON	67	137	135	127	119	165	144
1PM	51	144	126	117	129	161	151
2PM	83	155	145	132	148	194	137
3PM	72	205	166	181	160	198	136
4PM	82	193	210	183	168	233	157
5PM	94	232	247	217	243	260	148
6PM	91	142	135	160	164	196	143
7PM	84	97	87	104	141	137	117
8PM	61	80	86	81	76	101	87
9PM	51	70	81	75	90	107	89
10PM	46	62	58	61	54	95	105
11PM	27	40	42	47	42	94	85
TOTAL	1261	2205	2168	2129	2111	2547	2211

PROPERTY DAMAGE ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	202	105	84	110	101	135	208
1AM	149	32	24	44	50	62	167
2AM	85	32	33	26	36	33	82
3AM	45	24	18	31	28	31	62
4AM	37	29	19	23	27	29	39
5AM	31	44	65	58	53	47	55
6AM	52	112	142	128	94	105	79
7AM	63	283	343	325	273	268	76
8AM	78	273	315	341	264	301	147
9AM	113	220	236	255	200	203	202
10AM	138	285	263	232	235	283	263
11AM	107	372	328	311	274	328	354
NOON	155	427	375	376	341	442	352
1PM	174	376	324	328	303	398	386
2PM	154	428	393	363	364	458	323
3PM	207	451	444	430	468	527	388
4PM	188	549	525	490	509	550	358
5PM	180	567	514	504	568	573	344
6PM	180	403	346	325	382	413	330
7PM	180	258	270	261	312	308	284
8PM	181	216	240	182	242	259	237
9PM	150	190	244	181	200	269	257
10PM	96	134	152	153	145	256	209
11PM	98	91	108	100	111	223	213
TOTAL	3043	5901	5805	5577	5580	6501	5415

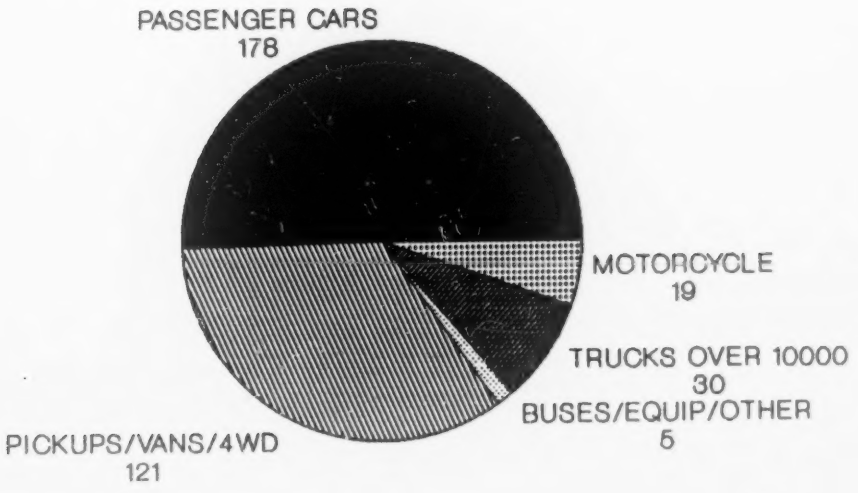
FATAL CRASHES BY CLASS OF TRAFFICWAY



	INTERSTATE TOTAL	%	OTHER U.S.& STATE ROUTES TOTAL	%	COUNTY, LOCAL & OTHER TOTAL	%	TOTAL FATAL CRASHES
1986	53	19.2	101	36.6	122	44.2	276
1987	52	19.2	76	28.0	143	52.8	271
1988	62	24.0	90	34.9	106	41.1	258
1989	76	28.2	79	29.4	114	42.4	269
1990	78	33.0	78	33.0	80	34.0	236

IN 1990 33% OF ALL FATAL CRASHES OCCURRED ON THE INTERSTATE SYSTEM, 33% ON OTHER U.S. AND STATE ROUTES, AND 34% OCCURRED ON THE LOCAL AND COUNTY TRAFFICWAYS.

VEHICLE TYPES INVOLVED IN FATAL CRASHES



YEAR	PASSENGER CARS TOTAL	%	PICKUPS VANS AND 4WD VEH TOTAL	%	MOTOR-CYCLES TOTAL	%	TRUCKS OVER 10,000 GVW TOTAL	%	BUSES, EQUIPMENT AND OTHER VEHICLES TOTAL	%	TOTAL VEHICLES
1986	216	54.0	109	27.2	33	8.3	31	7.8	11	2.7	400
1987	185	51.5	110	30.6	29	8.1	27	7.5	8	2.2	359
1988	188	50.7	113	30.4	30	8.1	32	8.6	8	2.2	371
1989	217	57.4	108	28.6	22	5.8	25	6.6	6	1.6	378
1990	178	50.4	121	34.2	19	5.4	30	8.5	5	1.4	353

THERE WAS A 2% INCREASE IN HEAVY TRUCK INVOLVEMENT IN 1990 CRASHES. PASSENGER CAR INVOLVEMENT DECREASED 7%. PICKUPS, VANS AND 4WD VEHICLES INCREASED 6%..

1990

TYPE OF ACCIDENT	CLASSIFICATION OF ACCIDENTS			
	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
PEDESTRIAN	1077	34	709	334
OTHER MOTOR VEHICLE	37410	80	9494	27836
RAILROAD TRAIN	58	2	21	35
ANIMAL	2521	2	170	2349
FIXED OBJECT	2484	41	481	1962
BICYCLE	1008	8	751	249
OTHER OBJECT	442	2	72	368
OVERTURNED	431	62	207	162
RAN OFF ROAD	5503	0	2316	3187
OTHER NON COLLISION	1673	5	383	1285
NOT STATED	84	0	28	56
TOTAL ACCIDENTS	52691	236	14632	37823

INVESTIGATING AGENCY

URBAN ACCIDENTS	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
NOT STATED	99	1	30	68
HIGHWAY PATROL	3916	30	1357	2529
CITY POLICE	20830	45	6886	13899
SHERIFF	4947	7	1805	3135
OTHER	216	0	49	167
TOTAL ACCIDENTS	30008	83	10127	19798
RURAL ACCIDENTS				
NOT STATED	8132	1	310	7821
HIGHWAY PATROL	5461	124	1751	3586
CITY POLICE	1017	4	267	746
SHERIFF	1455	9	411	1035
OTHER	40	0	13	27
TOTAL ACCIDENTS	16105	138	2752	13215
URBAN/RURAL NOT STATED				
NOT STATED	29	0	12	17
HIGHWAY PATROL	473	5	150	318
CITY POLICE	4313	3	1127	3183
SHERIFF	1728	7	457	1264
OTHER	35	0	7	28
TOTAL ACCIDENTS	6578	15	1753	4810

LIGHT CONDITIONS	TOTAL	1990 FATAL	INJURY	PROPERTY DAMAGE
DAYLIGHT	35926	122	10027	25777
DAWN OR DUSK	1440	13	385	1042
DARK ROAD LIGHTED	6676	19	1983	4674
DARK ROAD UNLIGHTED	6718	80	1767	4871
NOT STATED	1931	2	470	1459
TOTAL ACCIDENTS	52691	236	14632	37823
WEATHER CONDITIONS				
CLEAR OR CLOUDY	45291	208	12773	32310
RAIN	2762	11	834	1917
SNOW	3665	13	805	2847
FOG	125	1	32	92
DUST OR WIND STORM	48	0	13	35
MIST/SLEET	191	2	59	130
NOT STATED	609	1	116	492
TOTAL ACCIDENTS	52691	236	14632	37823
ROAD CONDITIONS				
DRY	40245	191	11712	28342
WET	5717	31	1646	4040
MUDDY SLIPPERY	88	0	11	77
SNOWY SLIPPERY	2946	8	529	2409
ICY	3190	6	661	2523
OILY	33	0	11	22
NOT STATED	472	0	62	410
TOTAL ACCIDENTS	52691	236	14632	37823
ROAD CHARACTER				
STRAIGHT LEVEL	37135	112	10163	26860
STRAIGHT GRADE	8249	45	2222	5982
STRAIGHT HILLCREST	857	7	245	605
CURVE LEVEL	2320	36	795	1489
CURVE GRADE	3168	35	1029	2104
CURVE HILLCREST	267	0	91	176
DIP	168	0	39	129
NOT STATED	527	1	48	478
TOTAL ACCIDENTS	52692	236	14632	37823

FROM 70% TO 80% OF ALL ACCIDENTS OCCUR IN DAYLIGHT, WITH CLEAR OR CLOUDY WEATHER, ON DRY, STRAIGHT, LEVEL ROADS.

1990

TRAFFIC CONTROL	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
OFFICER OR WATCHMAN	186	0	60	126
FLAGMAN	172	2	45	125
TRAFFIC SIGNAL	8692	7	3332	5353
TRAFFIC SIGNAL FLASHING	197	0	85	112
STOP SIGN	5257	16	1768	3473
YIELD SIGN	437	0	142	295
RR GATES OR SIGNAL	93	1	33	59
OTHER	13304	0	4350	8954
NO CONTROL PRESENT	23146	210	4670	18266
NOT STATED	1207	0	147	1060
TOTAL ACCIDENTS	52691	236	14632	37823

KIND OF LOCALITY

MANUFACTURING	2674	11	682	1981
SHOPPING OR BUSINESS	21414	33	5676	15705
RESIDENTIAL DISTRICT	14613	36	4171	10406
SCHOOL OR PLAYGROUND	2051	2	376	1673
FARMS AND FIELDS	3285	37	1021	2227
OPEN COUNTRY	8000	115	2576	5309
OTHER	397	2	84	311
NOT STATED	257	0	46	211
TOTAL ACCIDENTS	52691	236	14632	37823

TYPE OF MOTOR VEHICLE

PASSENGER CAR	52222	178	17428	34616
PICKUPS	23347	121	6895	16331
TRUCK AND TRAILER	2358	30	597	1731
BUS	193	1	49	143
SCHOOL BUS	125	0	27	98
FARM EQUIPMENT	36	1	16	19
MOTORCYCLE	938	17	790	131
MOPEDS	18	2	12	4
OTHER	361	3	57	301
HIT AND RUN	1241	0	237	1004
UNKNOWN	105	0	48	57
TOTAL VEHICLES	80944	353	26156	54435

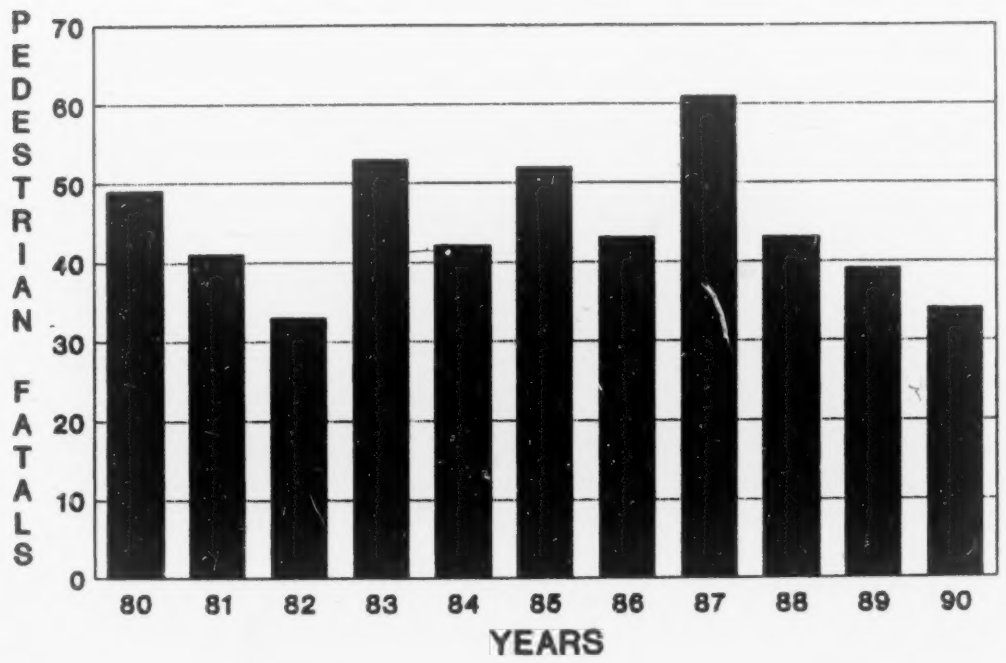
THE MOST COMMON ACCIDENT IS IN A SHOPPING OR BUSINESS AREA WHERE THERE ARE NO TRAFFIC CONTROLS AND IS WITH A PASSENGER CAR

1990

CONTRIBUTING CIRCUMSTANCES	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
SPEED TOO FAST	7394	109	2620	4665
FAILURE TO YIELD RIGHT OF WAY	8259	25	3047	5187
DROVE LEFT OF CENTER	951	23	378	550
IMPROPER OVERTAKING	981	4	243	734
PASSED STOP SIGN	584	5	229	350
DISREGARD TRAFFIC SIGNAL	1838	9	866	963
FOLLOWING TOO CLOSELY	4388	2	1440	2946
IMPROPER TURN	2525	4	608	1913
HAD BEEN DRINKING	1960	51	1053	856
UNDER THE INFLUENCE OF DRUGS	57	0	23	34
EYESIGHT DEFECTIVE UNCORRECTED	68	0	21	47
ASLEEP	701	37	372	292
FATIGUED	254	9	131	114
ILL	110	2	59	49
IMPROPER PARKING	398	2	43	353
IMPROPER LOOKOUT	13161	35	3921	9205
IMPROPER OR NO SIGNAL	160	1	43	116
OTHER IMPROPER DRIVING	4150	37	1289	2824
BRAKES DEFECTIVE	366	1	130	235
HEADLIGHTS DEFECTIVE	88	2	37	49
HEADLIGHTS GLARING	31	0	8	23
OTHER LIGHTS DEFECTIVE	80	2	29	49
STEERING MECHANISM DEFECTIVE	49	0	17	32
TIRES DEFECTIVE	227	2	83	142
WINDSHIELD NOT CLEAR	935	1	28	64
OTHER DEFECTIVE CONDITION	618	4	139	475
HIT AND RUN	1941	2	431	1508
FIRE	121	0	8	113
STOLEN	74	0	17	57
NON CONTACT VEHICLE	664	2	220	442
TOTAL	55115	371	17533	37211

THE MOST COMMON CIRCUMSTANCES WERE IMPROPER LOOKOUT, SPEEDING AND FAILURE TO YIELD

PEDESTRIAN FATALITIES



1990 PEDESTRIAN ACCIDENT SUMMARY

	TOTAL	PERCENT
IN SALT LAKE COUNTY	16	47.9
IN WEBER, DAVIS AND UTAH COUNTIES	9	26.4
BETWEEN 5:00PM - 6:59PM	4	11.8
IN URBAN AREAS	13	38.2
ON ROADWAY	33	97.0
NOT PHYSICALLY DIVIDED ROAD	22	64.7
ON ROADWAY WITH POSTED SPEED 40 MPH OR LESS	20	58.8
NO TRAFFIC CONTROLS	34	100.0
DARK	17	50.0
CLEAR WEATHER	25	73.5
HIT AND RUN	1	2.9
TOTAL ACCIDENTS	34	

1990 PEDESTRIAN/BICYCLISTS FATAL ACCIDENTS

PEDESTRIANS KILLED

	TOTAL	PERCENT
AGE 4 OR UNDER	5	14.8
AGE 5 - 12	3	8.8
AGE 13 - 15	4	11.8
AGE 16 - 18	6	17.6
AGE 19 - 25	3	8.8
AGE 26 - 60	7	20.6
AGE OVER 60	6	17.6
MALE	24	70.6
IN A CROSSWALK	2	5.9
NOT IN A CROSSWALK NOR AT INTERSECTION	32	94.1
DRINKING	5	14.8
RAN INTO ROADWAY	4	11.8
CROSSING IMPROPERLY	11	32.3

THERE WERE 34 PEDESTRIANS KILLED IN 1990 AS COMPARED TO 39 IN 1989. THE PEDESTRIAN MOST OFTEN CONTRIBUTED TO THE ACCIDENT BY CROSSING IMPROPERLY WHEN VISIBILITY IS LOW DUE TO DARKNESS. 15% OF THE PEDESTRIANS KILLED HAD BEEN DRINKING. THERE WERE 8 BICYCLISTS KILLED IN 1990 AS COMPARED TO 7 IN 1989.

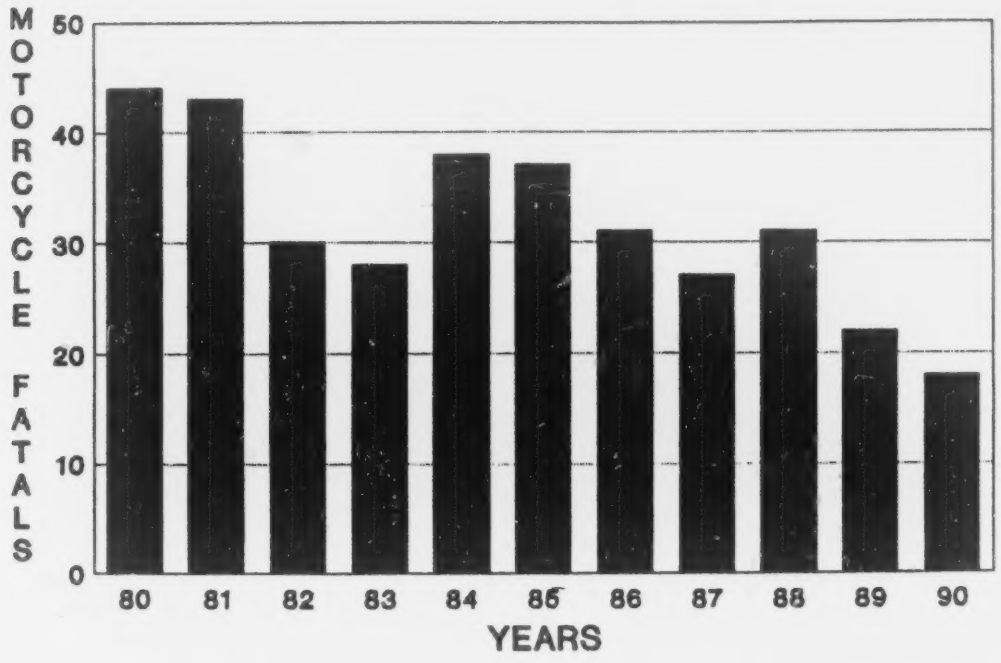
1990

PEDESTRIANS INJURED BY AGE

CONTRIBUTING CIRCUMSTANCES	TOTAL	0-4	5-15	16-24	25-44	45-64	65+
CROSSING WITH SIGNAL	96	0	46	17	21	5	7
CROSSING AGAINST SIGNAL	46	2	20	9	9	4	2
CROSSING NO SIGNAL	112	4	58	21	12	8	9
CROSSING DIAGONALLY	8	2	3	2	1	0	0
CROSSING NOT AT INTERESCTION	140	11	81	25	14	4	5
WALKING IN ROAD WITH TRAFFIC	37	0	12	10	11	2	2
WALKING IN ROAD AGAINST TRAFFIC	13	2	3	4	4	0	0
LYING IN ROAD	2	0	0	0	2	0	0
STANDING IN ROAD	25	2	9	4	10	0	0
GETTING ON OR OFF VEHICLE	9	0	4	1	0	1	3
PUSHING OR WORKING IN ROAD	26	0	1	15	8	2	0
OTHER IN ROAD	106	8	34	34	23	7	0
PLAYING IN ROAD	31	3	22	4	0	0	0
COMING FROM BEHIND PARKED CAR	31	6	18	4	2	0	1
NOT IN ROADWAY	41	1	12	13	5	4	6
HITCHING ON VEHICLE	8	0	0	5	3	0	0
NOT STATED	867	52	384	217	159	39	18
TOTAL	1598	93	707	385	284	76	53

CROSSING NOT AT AN INTERSECTION (JAYWALKING) WAS THE MOST COMMON CIRCUMSTANCE. THOSE AGE 5-15 ACCOUNTED FOR 44% OF PEDESTRIAN INJURIES IN 1990

MOTORCYCLE FATALITIES



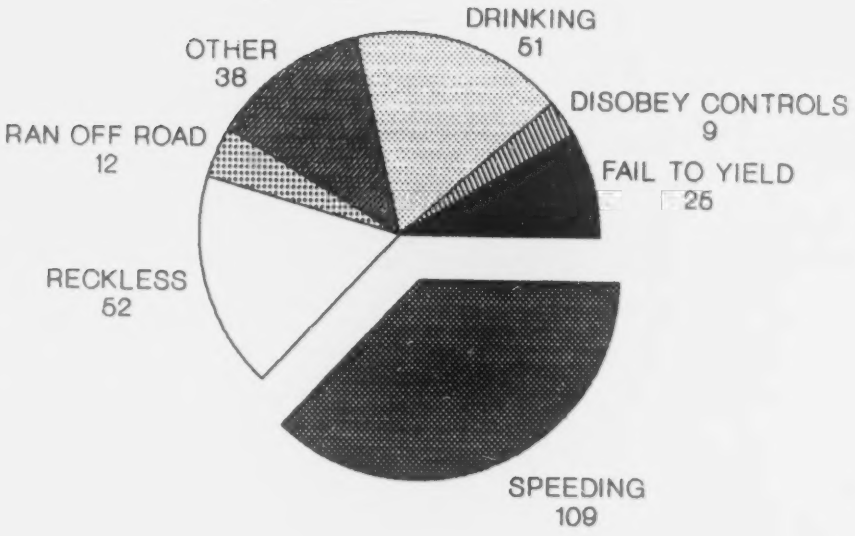
	TOTAL	PERCENT
IN SALT LAKE COUNTY	5	27.8
IN WEBER, DAVIS AND UTAH COUNTIES	9	50.0
BETWEEN 5:00PM AND MIDNIGHT	8	44.4
IN URBAN AREAS	9	50.0
COLLISION WITH ANOTHER VEHICLE	10	55.5
CLEAR WEATHER	17	94.4
TOTAL ACCIDENTS	18	

MOTORCYCLISTS KILLED

	TOTAL	PERCENT
DRIVERS KILLED	18	100.0
UNDER 25 YEARS OF AGE	8	44.4
MALE	17	94.4
NO HELMET	13	72.2
DRINKING	3	16.7
TOTAL DRIVERS	18	

18 OF THE MOTORCYCLE DRIVERS INVOLVED IN 1990 FATAL MOTORCYCLE ACCIDENTS WERE KILLED. FIVE OF THOSE KILLED WERE WEARING HELMETS.

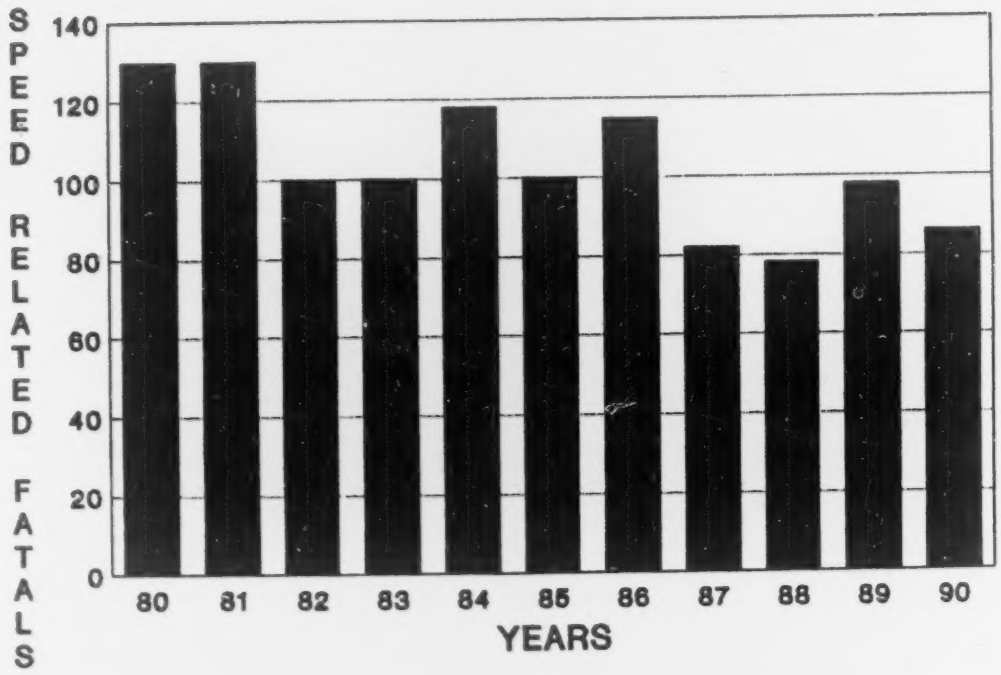
CONTRIBUTING FACTORS IN 1990 FATAL CRASHES



	TOTAL
DROWSY/ASLEEP	37
DRINKING	51
SPEEDING	109
FAILURE TO YIELD	25
FAILURE TO OBEY TRAFFIC CONTROLS	9
IMPROPER PASSING	3
RECKLESS DRIVING	52
RAN OFF ROAD	12
IMPROPER TURN	4
OTHER	27

IN 1990 SPEEDING WAS THE LEADING CONTRIBUTING CIRCUMSTANCE OF FATAL CRASHES. SPEEDING IS NOTED AS A CONTRIBUTING FACTOR FOR 32% OF THE DRIVERS. 15% OF THE DRIVERS HAD BEEN DRINKING SOME ACCIDENTS HAD MORE THAN ONE CONTRIBUTING FACTOR.

1990 FATAL ACCIDENTS
DRIVER CONTRIBUTING FACTORS
SPEEDING



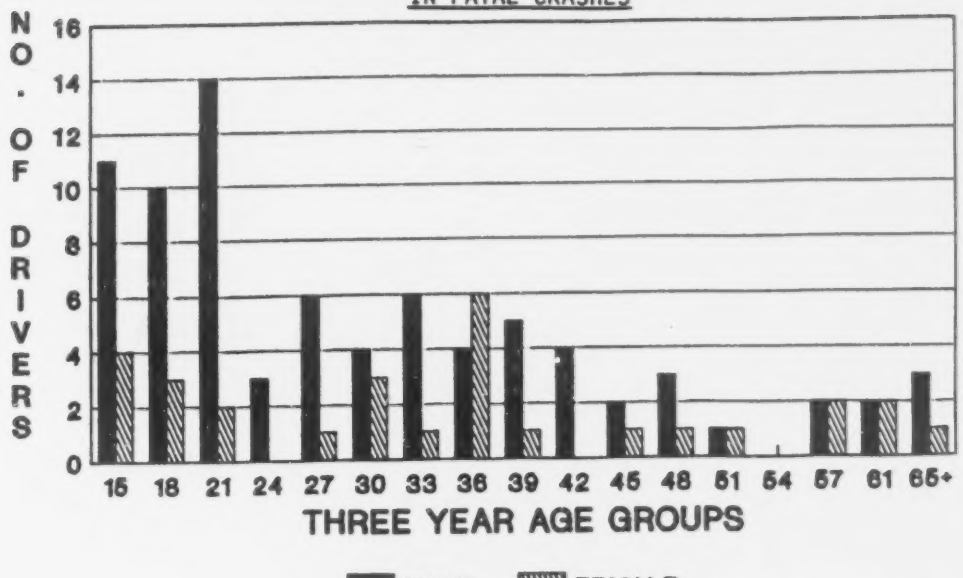
SPEEDING ACCIDENT SUMMARY 1990

	TOTAL	PERCENT
IN RURAL AREAS	72	83.7
COLLISION WITH ANOTHER VEHICLE	23	26.7
OVERTURN	33	38.4
ON DRY ROADS	69	80.2
CLEAR WEATHER	63	76.0
TOTAL ACCIDENTS	86	

DRIVERS KILLED IN SPEED RELATED ACCIDENTS 1990

	TOTAL	PERCENT
DRIVERS KILLED	60	55.0
MALE	53	48.6
UNDER 25 YEARS OF AGE	30	27.5
NO RESTRAINT USE	43	39.4

SPEEDING DRIVERS AGE AND SEX IN FATAL CRASHES



	MALE TOTAL	MALE %	FEMALE TOTAL	FEMALE %
15 - 17	11	10.1	4	3.7
18 - 20	10	9.1	3	2.8
21 - 23	14	12.8	2	1.8
24 - 26	3	2.8	0	0.0
27 - 29	6	5.5	1	0.9
30 - 32	4	3.7	3	2.8
33 - 35	6	5.5	1	0.9
36 - 38	4	3.7	6	5.5
39 - 41	5	4.6	1	0.9
42 - 44	4	3.7	0	0.0
45 - 47	2	1.8	1	0.9
48 - 65	8	7.3	6	5.5
OVER 65	3	2.8	1	0.9
TOTAL	80	73.4	29	26.6

SPEEDING DRIVER SUMMARY

	TOTAL	PERCENT
NO RESTRAINTS USED	81	74.3
UTAH DRIVERS	62	56.9
SPEEDS OVER 55	62	56.9
PREVIOUS ACCIDENTS	4	3.7
PREVIOUS SUSPENSIONS	6	5.5
PREVIOUS DUI'S	5	4.6
PREVIOUS SPEED	11	10.1
PREVIOUS OTHER HARMFUL	13	11.9
TOTAL DRIVERS	109	

IN 1990 FATAL CRASHES, 43% OF THE SPEEDING DRIVERS WERE FROM OUT OF STATE. 40% OF THE DRIVERS WHO CONTRIBUTED BY SPEEDING WERE UNDER 24 YEARS OF AGE AND 73% WERE MALE. 38% OF THE FATAL CRASHES INVOLVING EXCESSIVE SPEED RESULTED IN OVERTURNS.

ALCOHOL RELATED FATAL ACCIDENTS

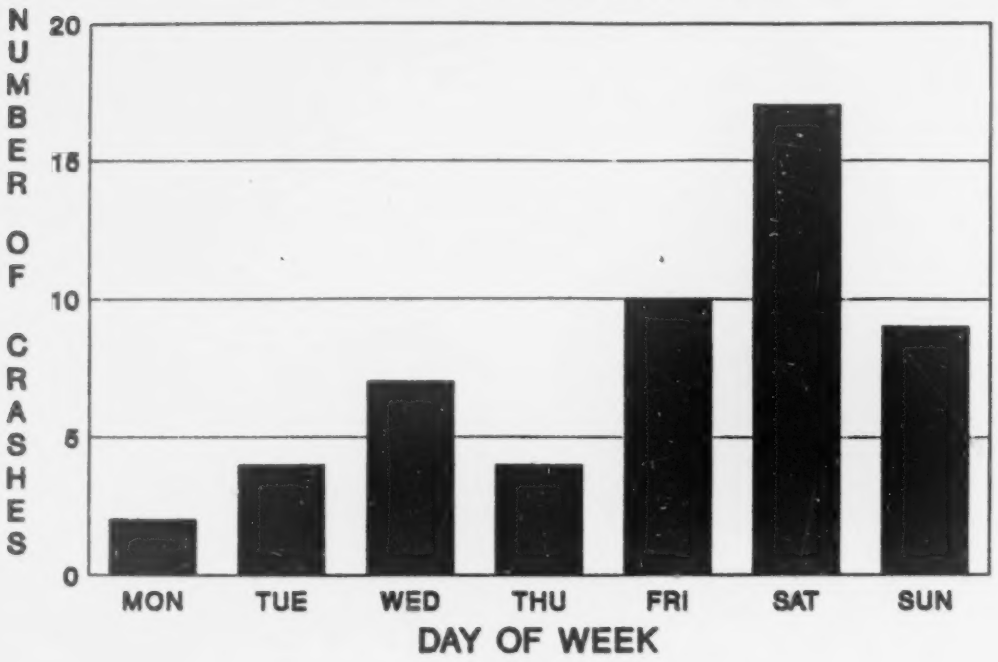
	1987	1988	1989	1990
TOTAL FATAL CRASHES	271	258	269	236
TOTAL FATALITIES	297	297	303	272
TOTAL ALCOHOL FATAL CRASHES	79	93	74	53
TOTAL ALCOHOL RELATED FATALITIES	82	105	82	60
% ALCOHOL OUT OF TOTAL FATALITIES	27.6	35.3	27.1	22.0
TOTAL PEOPLE KILLED	82	105	82	60
TOTAL DRIVERS KILLED	48	68	54	38
TOTAL PASSENGERS KILLED	18	27	19	16
TOTAL PEDESTRIANS KILLED	15	9	8	6
TOTAL BICYCLISTS KILLED	1	1	1	0

ALCOHOL RELATED FATAL ACCIDENTS BY MONTH

	1987		1988		1989		1990	
	TOTAL	%	TOTAL	%	TOTAL	%	TOTAL	%
JANUARY	4	5.1	5	5.4	5	6.8	6	11.3
FEBRUARY	8	10.1	3	3.2	4	5.4	3	5.7
MARCH	10	12.7	5	5.4	0	0.0	1	1.9
APRIL	8	10.1	9	9.7	3	4.6	3	5.7
MAY	5	6.3	11	11.8	5	6.8	2	3.8
JUNE	11	13.9	13	14.0	8	10.7	6	11.3
JULY	8	10.1	15	16.1	9	12.1	4	7.5
AUGUST	5	6.3	13	14.0	13	17.5	7	13.2
SEPTEMBER	10	12.7	9	9.7	11	14.9	5	9.4
OCTOBER	4	5.1	7	7.5	6	8.1	10	18.9
NOVEMBER	4	5.1	2	2.2	7	9.5	5	9.4
DECEMBER	2	2.5	1	1.0	3	4.1	1	1.9
TOTAL	79	100.0	93	100.0	74	100.0	53	100.0

IN 1990 ALCOHOL RELATED FATAL CRASHES 19% OCCURRED IN OCTOBER AND 32% WERE IN THE SUMMER

ALCOHOL FATAL ACCIDENTS BY DAY 1990



DAY OF WEEK

	TOTAL	PERCENT
MONDAY	2	3.8
TUESDAY	4	7.5
WEDNESDAY	7	13.2
THURSDAY	4	7.5
FRIDAY	10	18.9
SATURDAY	17	32.1
SUNDAY	9	17.0

TIME OF DAY

	TOTAL	PERCENT
MIDNIGHT-3:59AM	17	32.1
4:00AM-7:59AM	7	13.2
8:00AM-11:59AM	3	5.7
NOON-3:59PM	4	7.5
4:00PM-7:59PM	17	32.1
8:00PM-11:59PM	5	9.4

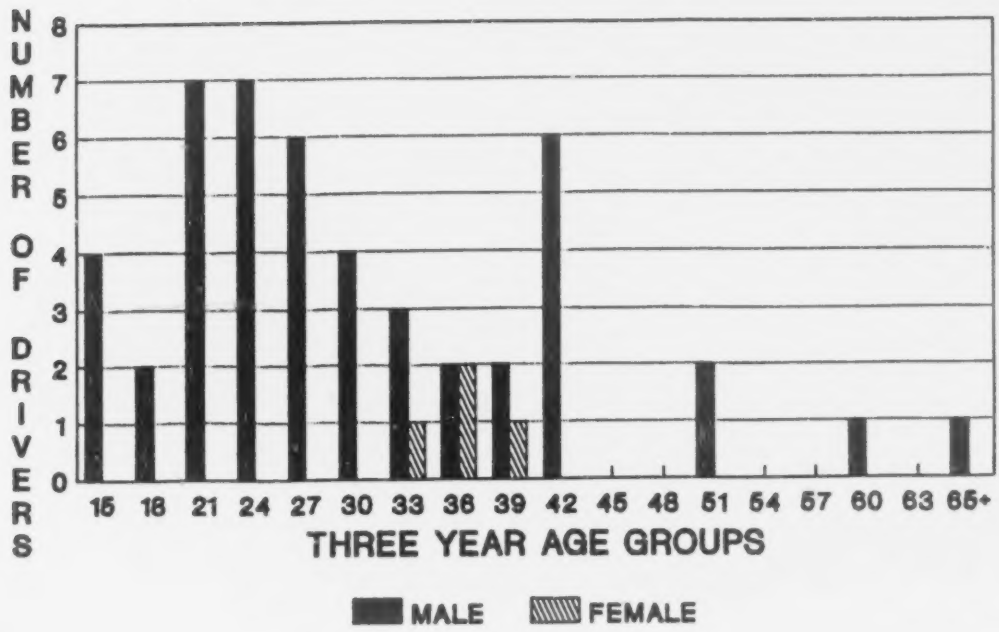
IN 1990 ALCOHOL RELATED FATAL CRASHES 41% OCCURRED BETWEEN 8P.M. AND 4A.M. AND 32% OCCURRED ON SATURDAY.

ALCOHOL RELATED FATAL ACCIDENTS BY COUNTY

	1987		1988		1989		1990	
	ACC	FATALS	ACC	FATALS	ACC	FATALS	ACC	FATALS
BEAVER	1	1	1	1	0	0	0	0
BOX ELDER	2	2	2	2	2	2	0	0
CACHE	3	3	1	1	1	1	3	5
CARBON	1	1	2	2	3	3	2	2
DAGGETT	0	0	0	0	1	1	0	0
DAVIS	1	1	3	3	2	2	2	2
DUCHESNE	3	4	4	5	2	2	2	2
EMERY	0	0	3	4	2	3	1	1
GARFIELD	0	0	0	0	1	1	2	2
GRAND	1	1	1	1	0	0	1	1
IRON	0	0	1	1	0	0	1	1
JUAB	1	1	0	0	4	5	0	0
KANE	0	0	3	3	1	1	0	0
MILLARD	0	0	0	0	0	0	1	1
MORGAN	0	0	1	2	0	0	0	0
PIUTE	0	0	0	0	0	0	0	0
RICH	0	0	1	1	0	0	0	0
SALT LAKE	32	33	34	35	28	33	18	21
SAN JUAN	2	2	0	0	1	1	1	1
SANPETE	1	1	1	2	1	1	0	0
SEVIER	1	1	1	1	0	0	1	1
SUMMIT	4	4	4	4	0	0	2	2
TOOELE	8	8	5	8	6	6	2	2
UINTAH	1	1	3	3	3	3	3	3
UTAH	7	8	7	8	3	3	3	4
WASATCH	2	2	2	4	2	2	2	2
WASHINGTON	1	1	2	2	4	4	3	3
WAYNE	0	0	0	0	1	1	0	0
WEBER	7	7	11	12	6	7	3	4
TOTAL	79	82	93	105	74	82	53	60

IN 1990, 62% OF ALL ALCOHOL RELATED FATAL CRASHES OCCURRED IN SIX COUNTIES: CACHE, SALT LAKE, UINTAH, UTAH, WASHINGTON AND WEBER

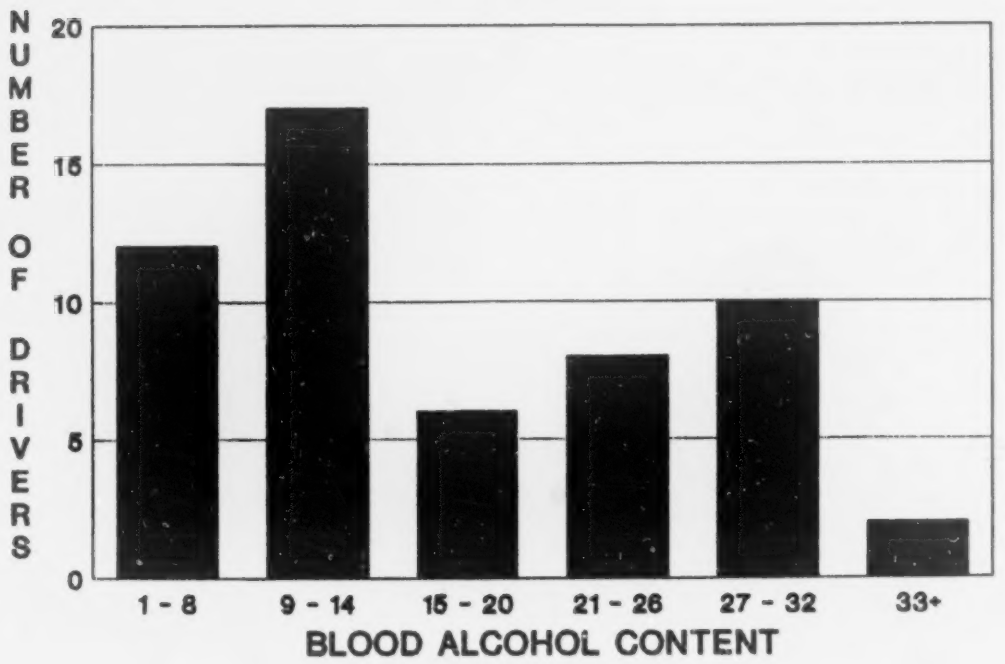
DRIVERS WHO CONTRIBUTED IN ALCOHOL RELATED FATAL CRASHES AGE AND SEX 1990



	MALE	FEMALE
15 - 17	4	0
18 - 20	2	0
21 - 23	7	0
24 - 26	7	0
27 - 29	6	0
30 - 32	4	0
33 - 35	3	1
36 - 38	2	2
39 - 41	2	1
42 - 44	6	0
45 - 47	0	0
48 - 65	3	0
OVER 65	1	1
TOTAL	47	5

IN 1990 ALCOHOL RELATED FATAL CRASHES, 12% OF THE DRIVERS WERE UNDER 21 YEARS OLD AND MALE AND 25% WERE 24 - 29 YEAR OLD MALES.

1990 DRINKING DRIVERS IN ALCOHOL RELATED FATAL CRASHES
BLOOD ALCOHOL CONTENT



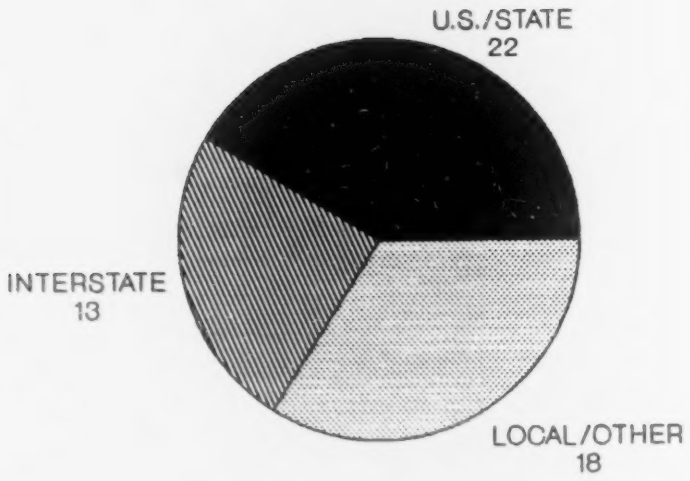
1989 AVERAGE B.A.C. .17%

1990 AVERAGE B.A.C. .16%

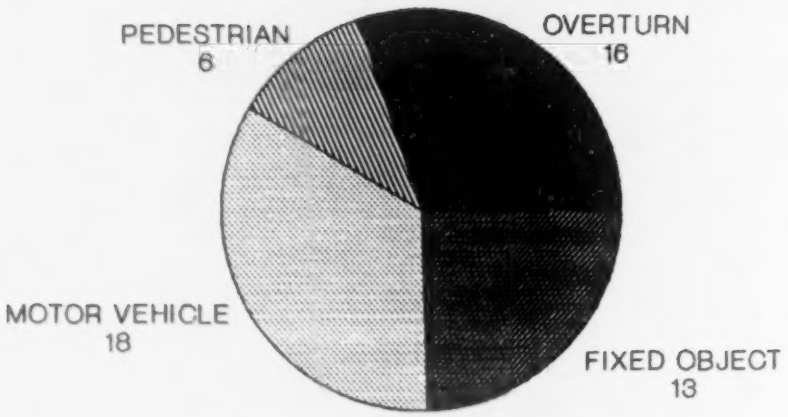
B.A.C.%	TOTAL	B.A.C.%	TOTAL
.01	2	.16	4
.02	1	.17	1
.03	2	.19	1
.04	2	.21	3
.05	1	.22	3
.06	1	.26	2
.08	3	.27	2
.09	1	.28	4
.10	2	.29	2
.12	3	.31	2
.13	8	.33	1
.14	3	.34	1
.15	3	RESULTS UNKNOWN	2

93% OF THE DRIVERS WHO CONTRIBUTED BY DRINKING IN ALCOHOL RELATED FATAL CRASHES HAD A BLOOD ALCOHOL CONTENT OF .08% OR GREATER.

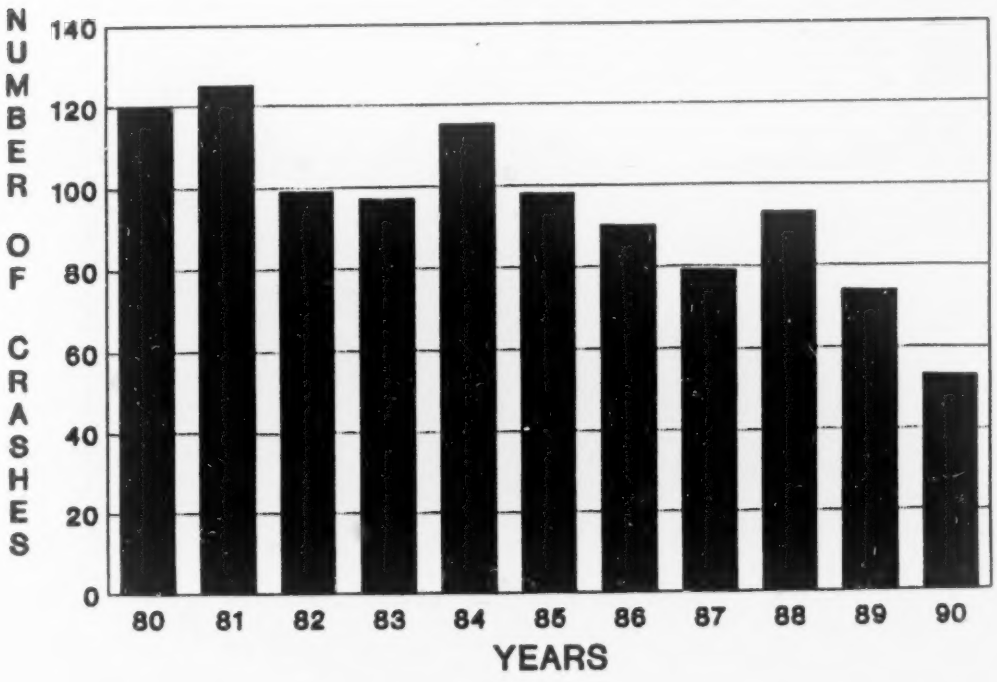
1990 ALCOHOL RELATED FATAL CRASHES BY CLASS OF TRAFFICWAY



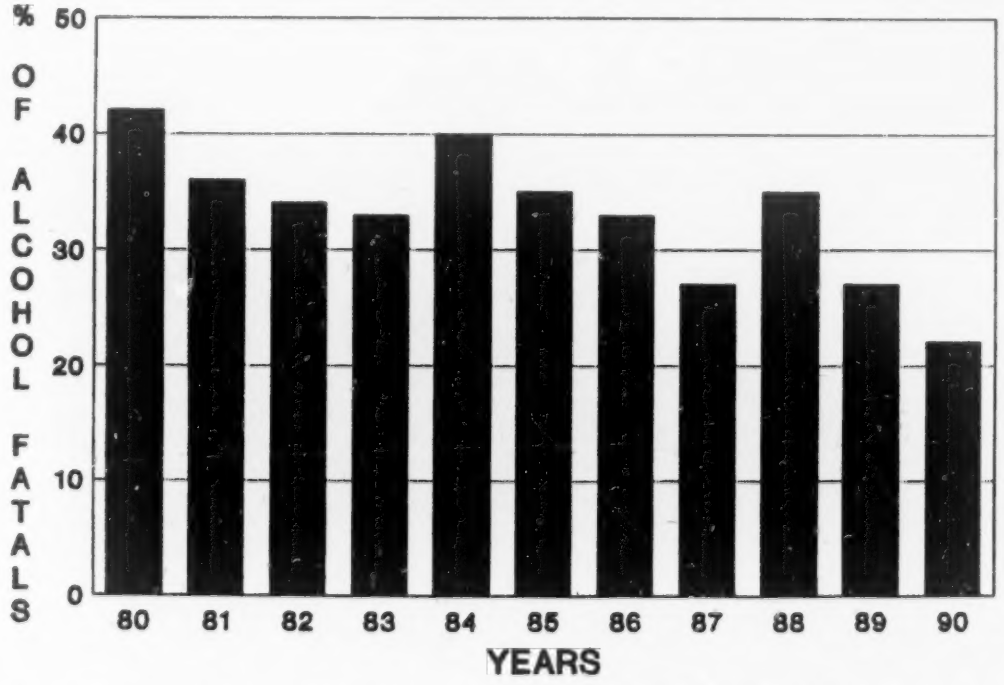
ALCOHOL RELATED FIRST HARMFUL EVENT



ALCOHOL RELATED FATAL CRASHES



ALCOHOL COMPARED TO TOTAL FATALITIES



THE HIGHEST YEAR FOR ALCOHOL RELATED FATALITIES SINCE 1973 WAS 1981.
THE YEAR WITH THE GREATEST PERCENTAGE OF ALCOHOL RELATED FATAL CRASHES SINCE 1973 WAS 1980 (42%).

1990
RESTRAINT USE BY
INJURY SEVERITY

	NOT STATED	NO INJURY	C	B	A	FATAL	TOTAL
NOT STATED	3	7964	610	566	446	2	9591
LAP BELT	2	10392	858	450	190	1	11893
LAP/SHOULDER	1	47276	5242	2097	1007	43	55666
NOT USED	1	21709	3237	2916	2209	174	30246
NOT INSTALLED	1	682	87	166	113	0	1049
CHILD RESTRAINT	0	1411	89	51	16	0	1567
AIR BAG	0	9	3	4	2	0	18
HELMET	0	22	23	63	66	5	179
EYE PROTECT	0	7	0	10	7	0	24
HELMET/EYE	0	16	5	23	37	0	81
TOTAL	8	89488	10154	6346	4093	225	110314

RESTRAINT USE
AGES 0 - 4

	NO INJURY	C	B	A	FATAL	TOTAL
NOT STATED	919	49	29	11	1	1009
LAP BELTS	820	50	34	15	1	920
LAP/SHOULDER	1168	99	35	17	0	1319
NOT USED	946	126	133	74	9	1288
NOT INSTALLED	74	7	7	6	0	94
CHILD RESTRAINT	1346	85	48	16	0	1495
TOTAL	5273	416	286	139	11	6125

EJECTED OR PARTIALLY EJECTED

	NOT STATED	LAP BELT	LAP SHOULDER	NOT USED	NO BELT	CHILD SEAT	TOTAL
NO INJURY	11	2	11	21	1	1	47
INJURED	250	14	31	529	102	2	928
FATAL	13	0	5	67	2	0	87
TOTAL	274	16	47	617	105	3	1062

IN 1990 THERE WERE 616 DRIVERS AND PASSENGERS INVOLVED IN FATAL CRASHES. OF THIS GROUP 433 WERE NOT WEARING SEAT BELTS AND 183 WERE WEARING SOME TYPE OF RESTRAINT. 230 DRIVERS AND PASSENGERS WERE KILLED. 44 WERE WEARING SOME KIND OF RESTRAINT. OF THIS GROUP 11 WERE CHILDREN AGES 0 - 4 AND NONE WERE IN A RESTRAINT.